CF 160.09 (21)

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	1188.00	1218.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1218.00	1248.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1248.00	1278.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1278.00	1308.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1308.00	1314.00	CUM	1.00	7.50			0.20	0.10	0.15	
	1314.00	1320.00	CUM								4th B Main Road
	1320.00	1350.00	CUM	1.00	31.50			0.20	0.10	0.63	
	1350.00	1380.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1380.00	1410.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1410.00	1440.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1440.00	1470.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1470.00	1478.00	CUM	1.00	9.50			0.20	0.10	0.19	
	1478.00	1488.00	CUM								cross road
	1488.00	1492.00	CUM	1.00	5.50			0.20	0.10	0.11	
	1492.00	1500.00	CUM								cross road
	1500.00	1530.00	CUM	1.00	31.50			0.20	0.10	0.63	
	1530.00	1560.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1560.00	1585.00	CUM	1.00	26.50			0.20	0.10	0.53	
	1585.00	1593.00	CUM								cross road
	1593.00	1600.00	CUM	1.00	8.50			0.20	0.10	0.17	
	1600.00	1630.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1630.00	1660.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1660.00	1690.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1690.00	1720.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1720.00	1737.00	CUM	1.00	17.00			0.20	0.10	0.34	
	1737.00	1747.00	CUM	1.00						0.00	9th b cross road
	1747.00	1777.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1777.00	1807.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1807.00	1837.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1837.00	1867.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1867.00	1897.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1897.00	1925.00	CUM	1.00	28.00			0.20	0.10	0.56	
	1925.00	1935.00	CUM								cross road near mahalakshmi sweets
	1935.00	1950.00	CUM	1.00	15.00			0.20	0.10	0.30	
	1950.00	1960.00	CUM								cross road near VIVO showroom
	1960.00	1980.00	CUM	1.00	20.00			0.20	0.10	0.40	

A.E.E. (Project)

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NCC LIMITED CONTRACTOR Bangalore

PMC

174.90

Asst. Executive Engineer BBMP

CF F74.90 (22)

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	remarks
	For KERBSTONE PCC										
	Stretch : From DAIRY CIRCLE JUNCTION TO NEWTOWN BUS STOP-LHS										
	1100.00	1130.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1130.00	1160.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1160.00	1190.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1190.00	1207.00	CUM	1.00	18.50			0.20	0.10	0.37	
	1207.00	1211.00	CUM	1.00						0.00	2 B sector cross road
	1211.00	1231.00	CUM	1.00						0.00	not done
	1231.00	1236.00	CUM							0.00	3A B main road B sector
	1236.00	1254.00	CUM	1.00	19.50			0.20	0.10	0.39	
	1254.00	1259.00	CUM	1.00						0.00	3rd b main ROAd
	1259.00	1275.00	CUM	1.00	17.50			0.20	0.10	0.35	
	1275.00	1283.00	CUM							0.00	3rd b crossd road
	1283.00	1313.00	CUM	1.00	31.50			0.20	0.10	0.63	
	1313.00	1330.00	CUM	1.00	18.50			0.20	0.10	0.37	
	1330.00	1339.00	CUM	1.00						0.00	someswara cross road
	1339.00	1360.00	CUM	1.00	22.50			0.20	0.10	0.45	
	1360.00	1390.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1390.00	1420.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1420.00	1450.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1450.00	1463.00	CUM	1.00	14.50			0.20	0.10	0.29	
	1463.00	1470.00	CUM	1.00						0.00	CROSS ROAD NEAR SHOW OFF
	1470.00	1492.00	CUM	1.00	23.50			0.20	0.10	0.47	
	1492.00	1500.00	CUM	1.00						0.00	CROSS ROAD
	1500.00	1515.00	CUM	1.00						0.00	not done - near bus top entry
	1515.00	1545.00	CUM	1.00	31.50			0.20	0.10	0.63	
	1545.00	1575.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1575.00	1590.00	CUM	1.00	16.50			0.20	0.10	0.33	
	1590.00	1600.00	CUM								cross road
	1600.00	1630.00	CUM	1.00	31.50			0.20	0.10	0.63	
	1630.00	1660.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1660.00	1690.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1690.00	1720.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1720.00	1740.00	CUM	1.00	21.50			0.20	0.10	0.43	
	1740.00	1747.00	CUM	1.00							9th b cross road

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NCC LIMITED CONTRACTOR Bangalore

PMC

18.6.24

Asst. Executive Engineer
Project Division

CF 188.24

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	1747.00	1777.00	CUM	1.00	31.50			0.20	0.10	0.63	
	1777.00	1805.00	CUM	1.00	28.00			0.20	0.10	0.56	
	1805.00	1815.00	CUM								not done
	1815.00	1830.00	CUM	1.00	16.50			0.20	0.10	0.33	
	1830.00	1840.00	CUM								11th b main road
	1840.00	1860.00	CUM	1.00	21.50			0.20	0.10	0.43	
	1860.00	1870.00	CUM								12th b main road
	1870.00	1900.00	CUM	1.00	31.50			0.20	0.10	0.63	
	1900.00	1930.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1930.00	1950.00	CUM	1.00	20.00			0.20	0.10	0.40	
	1950.00	1960.00	CUM								near vivo show room
	1960.00	1980.00	CUM	1.00	21.50			0.20	0.10	0.43	
			CUM								
	1600.00	1630.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1630.00	1660.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1660.00	1690.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1690.00	1720.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1720.00	1737.00	CUM	1.00	17.00			0.20	0.10	0.34	
	1737.00	1747.00	CUM	1.00							9th b cross road
	1747.00	1777.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1777.00	1807.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1807.00	1837.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1837.00	1867.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1867.00	1897.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1897.00	1925.00	CUM	1.00	28.00			0.20	0.10	0.56	
	1925.00	1955.00	CUM	1.00	30.00			0.20	0.10	0.60	
	1955.00	1980.00	CUM	1.00	25.00			0.20	0.10	0.50	
	BUFFER ZONE										
	Stretch : From DAIRY CIRCLE JUNCTION TO NEWTOWN BUS STOP-RHS										
	1593.00	1600.00	CUM	1.00	7.00			1.50	0.075	0.79	
	1600.00	1630.00	CUM	1.00	30.00			1.50	0.075	3.38	
	1630.00	1660.00	CUM	1.00	30.00			1.50	0.075	3.38	
	1660.00	1690.00	CUM	1.00	30.00			1.50	0.075	3.38	
	1690.00	1720.00	CUM	1.00	30.00			1.50	0.075	3.38	
	1720.00	1737.00	CUM	1.00	17.00			1.50	0.075	1.91	

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NCC LIMITED Bangalore CONTRACTOR

PMC

213.85

Asst. Executive Engineer
Project Division
Yelahanka Zone

CF-213.85 (24)

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	1737.00	1747.00	CUM	1.00						0.00	9th b cross road
	1747.00	1777.00	CUM	1.00	30.00			1.60	0.075	3.60	
	1777.00	1807.00	CUM	1.00	30.00			1.60	0.075	3.60	
	1807.00	1837.00	CUM	1.00	30.00			1.50	0.075	3.38	
	1837.00	1867.00	CUM	1.00	30.00			1.50	0.075	3.38	
	1867.00	1897.00	CUM	1.00	30.00			1.50	0.075	3.38	
	1897.00	1925.00	CUM	1.00	28.00			1.50	0.075	3.15	
	1925.00	1935.00								0.00	cross road near mahalakshmi sweets
	1935.00	1950.00	CUM	1.00	15.00			1.50	0.075	1.69	
	1950.00	1960.00								0.00	cross road near VIVO Showroom
	1960.00	1980.00	CUM	1.00	20.00			1.50	0.075	2.25	
	Stretch : From DAIRY CIRCLE JUNCTION TO NEWTOWN BUS STOP-LHS									228.26	
	1600.00	1630.00	CUM	1.00	30.00			1.30	0.075	2.93	
	1630.00	1660.00	CUM	1.00	30.00			1.30	0.075	2.93	
	1660.00	1690.00	CUM	1.00	30.00			1.50	0.075	3.38	
	1690.00	1720.00	CUM	1.00	30.00			1.50	0.075	3.38	
	1720.00	1740.00	CUM	1.00	20.00			1.50	0.075	2.25	
	1740.00	1747.00	CUM	1.00						0.00	9th b [illegible]
	1747.00	1777.00	CUM	1.00	30.00			1.50	0.075	3.38	
	1777.00	1805.00	CUM	1.00	28.00			1.50	0.075	3.15	
	1805.00	1815.00	CUM	2.00	10.00			1.50	0.075	2.25	
	1815.00	1830.00	CUM	1.00	15.00			1.50	0.075	1.69	
	1830.00	1840.00								0.00	11th b main road
	1840.00	1860.00	CUM	1.00	20.00			1.40	0.075	2.10	
	1860.00	1870.00								0.00	12th b main road
	1870.00	1900.00	CUM	1.00	30.00			1.50	0.075	3.38	
	1900.00	1930.00	CUM	1.00	30.00			1.50	0.075	3.38	
	1930.00	1950.00	CUM	1.00	20.00			1.50	0.075	2.25	
	1950.00	1960.00								0.00	[illegible]
	1960.00	1970.00	CUM	1.00	10.00			1.50	0.075	1.13	
Total Quantity			**Cum**							**275.79**	

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Upto 31/05

20/05/2022

NCC LIMITED Bangalore CONTRACTOR

PMC

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

BBM

NCC LIMITED
BRUHAT BENGALURU MAHANAGAR PALIKE

Whitetopping of road from Sheshadripuram First Grade College to Aroma Bakery Junction via 3rd A cross Road,1st A Main Road,16th B Cross Road

BARBENDING SCHEDULE- RA BILL-03

BOQ Item no. 29 : Dates : 12/4/22, 25/4/22, 4/5/22, 16/5/22 & 23/5/2022.

KSRRB M2200-6. Providing T M T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. MORTH Specification No.1600 & 2200 TMT Bars Fe 500

Dia of bar	Description	Chainage		Shape of the bar	No's	Length of bar	Spacing	Length in Opp.	No. of bars	Total length	Unit wt (Kgs/R mt)	Total wt in Kgs	Remark
	Stretch : From DAIRY CIRCLE TO CHIKMOSANDRA JUNCTION_RHS												
12	Main Reinforcement	1225.00	1230.00	0.97 / 0.97 / 0.97	1	2.91	0.150	5.00	34	98.94	0.89	87.95	
10	Distribution Bar			5.00									
12	Main Reinforcement	1303.00	1307.00	0.97 / 0.97 / 0.97	1	2.91	0.150	4.00	28	81.48	0.89	72.43	
10	Distribution bar			4.00	1	4.00	0.200	2.91	16	64.00	0.62	39.51	
12	Main Reinforcement	1366.00	1375.00	0.97 / 0.97 / 0.97	1	2.91	0.150	9.00	61	177.51	0.89	157.83	
10	Distribution bar			9.00	1	9.00	0.200	2.91	16	144.00	0.62	88.89	
12	Main Reinforcement	1435.00	1440.00	0.97 / 0.97 / 0.97	1	2.91	0.150	5.00	34	98.94	0.89	87.95	
10	Distribution bar			5.00	1	5.00	0.200	2.91	16	80.00	0.62	49.38	
12	Main Reinforcement	1450.00	1465.00		1	2.91	0.150	15.00	101	293.91	0.89	261.25	

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CONTRACTOR

PMC

894.52

Asst. Executive Engineer
Project Division
Yelahanka Zone

Dia of bar	Description	Chainage		Shape of the bar	No's	Length of bar	Spacing	Length in Opp.	No. of bars	Total length	Unit wt (Kgs/Rmt)	Total wt in Kgs (cft)	Remark
												C/F 894.52	
10	Distribution bar			0.97 / 0.97 / 0.97 / 15.00	1	15.00	0.200	2.91	16	240.00	0.62	148.15	
12	Main Reinforcement	1483.00	1492.00	0.97 / 0.97 / 0.97	1	2.91	0.150	9.00	61	177.51	0.89	157.79	
10	Distribution bar			9.00	1	9.00	0.200	2.91	16	144.00	0.62	88.89	
12	Main Reinforcement	1530.00	1560.00	0.97 / 0.97 / 0.97	1	2.91	0.150	30.00	201	584.91	0.89	519.92	
10	Distribution bar			30.00	1	30.00	0.200	2.91	16	480.00	0.62	296.30	
12	Main Reinforcement	1563	1585	0.97 / 0.97 / 0.97	1	2.91	0.150	22.00	148	430.68	0.89	382.83	
10	Distribution bar			22.00	1	22.00	0.200	2.91	16	352.00	0.62	217.28	
12	Main Reinforcement	1593	1623	0.97 / 0.97 / 0.97	1	2.91	0.150	30.00	201	584.91	0.89	519.92	
10	Distribution bar			30.00	1	30.00	0.200	2.91	16	480.00	0.62	296.30	
12	Main Reinforcement	1623	1653	0.97 / 0.97	1	2.91	0.150	30.00	201	584.91	0.89	519.92	
												C/F 4041.81	

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NCC LIMITED CONTRACTOR Bangalore

Asst. Executive Engineer
Project Division
Nabhanka Zone

Dia of bar	Description	Chainage		Shape of the bar	No's	Length of bar	Spacing	Length in Opp.	No. of bars	Total length	Unit wt (Kgs/R mt)	Total wt in Kgs	Remark
												CF 4041.81	
10	Distribution bar			0.97 / 30.00	1	30.00	0.200	2.91	16	480.00	0.62	296.39	
12	Main Reinforcement	1653	1683	0.97 / 0.97 / 0.97	1	2.91	0.150	30.00	201	584.91	0.89	519.92	
10	Distribution bar			30.00	1	30.00	0.200	2.91	16	480.00	0.62	296.30	
12	Main Reinforcement	1683	1713	0.97 / 0.97 / 0.97	1	2.91	0.150	30.00	201	584.91	0.89	519.92	
10	Distribution bar			30.00	1	30.00	0.200	2.91	16	480.00	0.62	296.30	
12	Main Reinforcement	1713	1737	0.97 / 0.97 / 0.97	1	2.91	0.150	24.00	161	468.51	0.89	416.45	
10	Distribution bar			24.00	1	24.00	0.200	2.91	16	384.00	0.62	237.04	
12	Main Reinforcement	1747	1777	0.97 / 0.97 / 0.97	1	2.91	0.150	30.00	201	584.91	0.89	519.92	
10	Distribution bar			30.00	1	30.00	0.200	2.91	16	480.00	0.62	296.30	
12	Main Reinforcement	1777	1807	0.97 / 0.97 / 0.97	1	2.91	0.150	30.00	201	584.91	0.89	519.92	
10	Distribution bar				1	30.00	0.200	2.91	16	480.00	0.62	296.30	

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8256-4

NCC LIMITED CONTRACTOR Bangalore

PMC

Asst. Executive Engineer
Project Division
Yelahanka Zone

Dia of bar	Description	Chainage		Shape of the bar	No's	Length of bar	Spacing	Length in Opp.	No. of bars	Total length	Unit wt (Kgs/R mt)	Total wt in Kgs	Remark
												C/F 8256.46	
12	Main Reinforcement	1807	1857	30.00 / 0.97 / 0.97 / 0.97	1	2.91	0.150	30.00	201	584.91	0.89	519.92	
10	Distribution bar			30.00	1	30.00	0.200	2.91	16	480.00	0.62	296.30	
12	Main Reinforcement	1857	1867	0.97 / 0.97 / 0.97	1	2.91	0.150	30.00	201	584.91	0.89	519.92	
10	Distribution bar			30.00	1	30.00	0.200	2.91	16	480.00	0.62	296.30	
12	Main Reinforcement	1867	1897	0.97 / 0.97 / 0.97	1	2.91	0.150	30.00	201	584.91	0.89	519.92	
10	Distribution bar			30.00	1	30.00	0.200	2.91	16	480.00	0.62	296.30	
12	Main Reinforcement	1897	1925	0.97 / 0.97 / 0.97	1	2.91	0.150	28.00	188	547.08	0.89	486.29	
10	Distribution bar			28.00	1	28.00	0.200	2.91	16	448.00	0.62	276.54	
12	Main Reinforcement	1935	1950	0.97 / 0.97 / 0.97	1	2.91	0.150	15.00	101	293.91	0.89	261.25	
10	Distribution bar			15.00	1	15.00	0.200	2.91	16	240.00	0.62	148.75	
12	Main Reinforcement	1950	1980		1	2.91	0.150	20.00	134	389.94	0.89	346.61	
												1223.96	

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CONTRACTOR

PMC

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP Bangalore - 92

Dia of bar	Description	Chainage		Shape of the bar	No's	Length of bar	Spacing	Length in Opp.	No. of bars	Total length	Unit wt (Kgs/R mt)	Total wt in Kgs	Remark
				0.97 0.97 0.97									
10	Distribution bar			20.00	1	20.00	0.200	2.91	16	320.00	0.62	197.53	
For DRAIN													
Stretch : From DAIRY CIRCLE JUNCTION TO CHIKBOMSANDANDRA-LHS													
12	Main Reinforcement	1100.00	1130.00	0.97 0.97 0.97	1	2.91	0.150	30.00	201	584.91	0.89	519.92	
10	Distribution bar			30.00	1	30.00	0.200	2.91	16	480.00	0.62	296.30	
12	Main Reinforcement	1130.00	1160.00	0.97 0.97 0.97	1	2.91	0.150	30.00	201	584.91	0.89	519.92	
10	Distribution bar			30.00	1	30.00	0.200	2.91	16	480.00	0.62	296.30	
12	Main Reinforcement	1160.00	1190.00	0.97 0.97 0.97	1	2.91	0.150	30.00	201	584.91	0.89	519.92	
10	Distribution bar			30.00	1	30.00	0.200	2.91	16	480.00	0.62	296.30	
12	Main Reinforcement	1190.00	1207.00	0.97 0.97 0.97	1	2.91	0.150	17.00	114	331.74	0.89	294.88	
10	Distribution bar			17.00	1	17.00	0.200	2.91	16	272.00	0.69	187.90	
12	Main Reinforcement	1236.00	1254.00		1	2.91	0.150	18.00	121	352.11	0.89	312.99	

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NCC LIMITED Bangalore

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Project Division
Yelahanka Zone

Dia of bar	Description	Chainage		Shape of the bar	No's	Length of bar	Spacing	Length in Opp.	No. of bars	Total length	Unit wt (Kgs/Rmt)	Total wt in Kgs	Remark
10	Distribution bar			0.97 0.97 0.97 18.00	1	18.00	0.200	2.91	16	288.00	0.62	177.78	
12	Main Reinforcement	1259.00	1275.00	0.97 0.97 0.97	1	2.91	0.150	16.00	108	314.28	0.89	279.36	
10	Distribution bar			16.00	1	16.00	0.200	2.91	16	256.00	0.62	158.02	
12	Main Reinforcement	1283.00	1313.00	0.97 0.97 0.97	1	2.91	0.150	30.00	201	584.91	0.89	519.92	
10	Distribution bar			30.00	1	30.00	0.200	2.91	16	480.00	0.62	296.32	
12	Main Reinforcement	1313.00	1330.00	0.97 0.97 0.97	1	2.91	0.150	17.00	114	331.74	0.89	294.88	
10	Distribution bar			17.00	1	17.00	0.200	2.91	16	272.00	0.62	167.90	
12	Main Reinforcement	1339.00	1360.00	0.97 0.97 0.97	1	2.91	0.150	21.00	141	410.31	0.89	364.72	
10	Distribution bar			21.00	1	21.00	0.200	2.91	16	336.00	0.62	207.41	

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Asst. Executive Engineer
Project Division
Yalahanka Zone

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Dia of bar	Description	Chainage		Shape of the bar	No's	Length of bar	Spacing	Length in Opp.	No. of bars	Total length	Unit wt (Kgs/Rmt)	Total wt in Kgs	Remark
12	Main Reinforcement	1360.00	1390.00		1	2.91	0.150	30.00	201	584.91	0.89	519.92	
10	Distribution bar			0.97 / 0.97 / 0.97 / 30.00	1	30.00	0.200	2.91	16	480.00	0.62	296.30	
12	Main Reinforcement	1390.00	1420.00		1	2.91	0.150	30.00	201	584.91	0.89	519.92	
10	Distribution bar			0.97 / 0.97 / 0.97 / 30.00	1	30.00	0.200	2.91	16	480.00	0.62	296.30	
12	Main Reinforcement	1420.00	1450.00		1	2.91	0.150	30.00	201	584.91	0.89	519.92	
10	Distribution bar			0.97 / 0.97 / 0.97 / 30.00	1	30.00	0.200	2.91	16	480.00	0.62	296.30	
12	Main Reinforcement	1450.00	1463.00		1	2.91	0.150	13.00	88	256.08	0.89	227.63	
10	Distribution bar			0.97 / 0.97 / 0.97 / 13.00	1	13.00	0.200	2.91	16	208.00	0.62	128.40	
12	Main Reinforcement	1470.00	1492.00		1	2.91	0.150	22.00	148	430.68	0.89	382.83	
10	Distribution bar			0.97 / 0.97 / 0.97 / 22.00	1	22.00	0.200	2.91	16	352.00	0.62	217.28	

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India Support Engineering Consultants Pvt. Ltd. PMC

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Project Division
Yelahanka Zone

Dia of bar	Description	Chainage		Shape of the bar	No's	Length of bar	Spacing	Length in Opp.	No. of bars	Total length	Unit wt (Kgs/R mt)	Total wt in Kgs	Remark
				22.00								C/F 2516.98	
12	Main Reinforcement	1515.00	1545.00	0.97 0.97 0.97	1	2.91	0.150	30.00	201	584.91	0.89	519.92	
10	Distribution bar			30.00	1	30.00	0.200	2.91	16	480.00	0.62	296.30	
12	Main Reinforcement	1545.00	1570.00	0.97 0.97 0.97	1	2.91	0.150	25.00	168	488.88	0.89	434.56	
10	Distribution bar			25.00	1	25.00	0.200	2.91	16	400.00	0.62	246.91	
	For CULVERT												
	Stretch : From DAIRY CIRCLE JUNCTION TO NEWTOWN BUS STOP												
12	Main Reinforcement	1108.00	1109.00	0.97 0.97 0.97	2	2.91	0.150	12.00	81	471.42	0.89	419.04	
10	Distribution bar			12.00	2	12.00	0.200	2.91	16	384.00	0.62	237.04	
12	Main Reinforcement	1339.00	1340.00	0.97 0.97 0.97	2	2.91	0.150	12.00	81	471.42	0.89	419.04	
10	Distribution bar			12.00	2	12.00	0.200	2.91	16	384.00	0.62	237.04	
12	Main Reinforcement	1390.00	1392.00	0.97 0.97	2	2.91	0.150	12.00	81	471.42	0.89	419.04	
												2745.86	

A.E.E. (Project)

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Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Dia of bar	Description	Chainage		Shape of the bar	No's	Length of bar	Spacing	Length in Opp.	No. of bars	Total length	Unit wt (Kgs/R mt)	Total wt in Kgs	Remark
10	Distribution bar			0.97 / 12.00	2	12.00	0.200	2.91	16	384.00	0.62	237.04	
12	Main Reinforcement	1496.00	1497.00	0.97 / 0.97 / 0.97	2	2.91	0.150	12.00	81	471.42	0.89	419.04	
10	Distribution bar			12.00	2	12.00	0.200	2.91	16	384.00	0.62	237.04	
12	Main Reinforcement	1746.00	1747.00	0.97 / 0.97 / 0.97	2	2.91	0.150	12.00	81	471.42	0.89	419.04	
10	Distribution bar			12.00	2	12.00	0.200	2.91	16	384.00	0.62	237.04	
	For RESTORATION PORTION												
	Stretch : From DAIRY CIRCLE JUNCTION TO CHIKKIBOMMSANDRA JUNCTION												
10	Main Reinforcement	1109.00	1139.00	1.90	1	1.90	0.100	30.00	301	571.90	0.62	353.02	
8	Distribution bar			30.0	1	30.00	0.150	1.90	14	420.00	0.40	165.93	
10	Main Reinforcement	1139.00	1169.00	1.90	1	1.90	0.100	30.00	301	571.90	0.62	353.02	

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NCC LIMITED CONTRACTOR Bangalore

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Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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Dia of bar	Description	Chainage		Shape of the bar	No's	Length of bar	Spacing	Length in Opp.	No. of bars	Total length	Unit wt (Kgs/R mt)	Total wt in Kgs	Remark
8	Distribution bar			30.0	1	30.00	0.150	2.00	14	420.00	0.40	165.93	
10	Main Reinforcement	1169.00	1199.00	2.00	1	2.00	0.100	30.00	301	602.00	0.62	371.60	
8	Distribution bar			30.0	1	30.00	0.150	1.90	14	420.00	0.40	165.93	
10	Main Reinforcement	1199.00	1229.00	1.90	1	1.90	0.100	30.00	301	571.90	0.62	353.02	
8	Distribution bar			30.0	1	30.00	0.150	2.10	15	450.00	0.40	177.78	
10	Main Reinforcement	1229.00	1259.00	2.10	1	2.10	0.100	30.00	301	632.10	0.62	390.1	
8	Distribution bar			30.0	1	30.00	0.150	2.00	14	420.00	0.40	165.93	
10	Main Reinforcement	1259.00	1289.00	2.00	1	2.00	0.100	30.00	301	602.00	0.62	371.60	
8	Distribution bar			30.0	1	30.00	0.150	1.85	13	390.00	0.40	154.07	
10	Main Reinforcement	1289.00	1319.00	1.85	1	1.85	0.100	30.00	301	556.85	0.62	343.73	

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Dia of bar	Description	Chainage		Shape of the bar	No's	Length of bar	Spacing	Length in Opp.	No. of bars	Total length	Unit wt (Kgs/Rmt)	Total wt in Kgs	Remark
												C/F 3531.76	
8	Distribution bar			30.0	1	30.00	0.150	2.00	14	420.00	0.40	165.93	
10	Main Reinforcement	1319.00	1349.00	2.00	1	2.00	0.100	30.00	301	602.00	0.62	371.60	
8	Distribution bar			30.0	1	30.00	0.150	1.90	14	420.00	0.40	165.93	
10	Main Reinforcement	1349.00	1379.00	1.90	1	1.90	0.100	30.00	301	571.90	0.62	353.02	
8	Distribution bar			30.0	1	30.00	0.150	2.10	15	450.00	0.40	177.78	
10	Main Reinforcement	1379.00	1409.00	2.10	1	2.10	0.100	30.00	301	632.10	0.62	390.19	
8	Distribution bar			30.0	1	30.00	0.150	2.10	15	450.00	0.40	177.78	
10	Main Reinforcement	1409.00	1439.00	2.10	1	2.10	0.100	30.00	301	632.10	0.62	390.19	
8	Distribution bar			30.0	1	30.00	0.150	2.10	15	450.00	0.40	177.78	
10	Main Reinforcement	1439.00	1469.00	2.10	1	2.10	0.100	30.00	301	632.10	0.62	390.19	
												6292.13	

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Yelahanka Zone

Dia of bar	Description	Chainage		Shape of the bar	No's	Length of bar	Spacing	Length in Opp.	No. of bars	Total length	Unit wt (Kgs/Rmt)	Total wt in Kgs	Remark
												6292.13	
8	Distribution bar			30.0	1	30.00	0.150	2.00	14	420.00	0.40	165.93	
10	Main Reinforcement	1469.00	1499.00	2.00	1	2.00	0.100	30.00	301	602.00	0.62	371.60	
8	Distribution bar			30.0	1	30.00	0.150	2.00	14	420.00	0.40	165.93	
10	Main Reinforcement	1499.00	1529.00	2.00	1	2.00	0.100	30.00	301	602.00	0.62	371.60	
8	Distribution bar			30.0	1	30.00	0.150	2.00	14	420.00	0.40	165.93	
10	Main Reinforcement	1529.00	1559.00	2.00	1	2.00	0.100	30.00	301	602.00	0.62	371.60	
8	Distribution bar			30.0	1	30.00	0.150	1.90	14	420.00	0.40	165.93	
10	Main Reinforcement	1559.00	1589.00	1.90	1	1.90	0.100	30.00	301	571.90	0.62	353.02	
8	Distribution bar			30.0	1	30.00	0.150	1.90	14	420.00	0.40	165.93	

8589.68

A.E.E. (Project)

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Yelahanka Zone
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8589.60

Dia of bar	Description	Chainage		Shape of the bar	No's	Length of bar	Spacing	Length in Opp.	No. of bars	Total length	Unit wt (Kgs/Rmt)	Total wt in Kgs	Remark
10	Main Reinforcement	1589.00	1619.00	1.90	1	1.90	0.100	30.00	301	571.90	0.62	353.02	
8	Distribution bar			30.0	1	30.00	0.150	2.00	14	420.00	0.40	165.93	
10	Main Reinforcement	1619.00	1649.00	2.00	1	2.00	0.100	30.00	301	602.00	0.62	371.60	
8	Distribution bar			30.0	1	30.00	0.150	2.00	14	420.00	0.40	165.93	
10	Main Reinforcement	1649.00	1679.00	2.00	1	2.00	0.100	30.00	301	602.00	0.62	371.60	
8	Distribution bar			30.0	1	30.00	0.150	2.00	14	420.00	0.40	165.93	
10	Main Reinforcement	1679.00	1709.00	2.00	1	2.00	0.100	30.00	301	602.00	0.62	371.60	
8	Distribution bar			30.0	1	30.00	0.150	1.90	14	420.00	0.40	165.93	
10	Main Reinforcement	1709.00	1739.00	1.90	1	1.90	0.100	30.00	301	571.90	0.62	353.02	
8	Distribution bar			30.0	1	30.00	0.150	1.90	14	420.00	0.40	165.93	

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Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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1240.09

Dia of bar	Description	Chainage		Shape of the bar	No's	Length of bar	Spacing	Length in Opp.	No. of bars	Total length	Unit wt (Kgs/R mt)	Total wt in Kgs	Remark
10	Main Reinforcement	1739.00	1769.00	1.90	1	1.90	0.100	30.00	301	571.90	0.62	353.02	
8	Distribution bar			30.0	1	30.00	0.150	1.90	14	420.00	0.40	165.93	
10	Main Reinforcement	1769.00	1799.00	1.90	1	1.90	0.100	30.00	301	571.90	0.62	353.02	
8	Distribution bar			30.0	1	30.00	0.150	2.00	14	420.00	0.40	165.93	
10	Main Reinforcement	1799.00	1829.00	2.00	1	2.00	0.100	30.00	301	602.00	0.62	371.60	
8	Distribution bar			30.0	1	30.00	0.150	2.00	14	420.00	0.40	165.93	
10	Main Reinforcement	1829.00	1859.00	2.00	1	2.00	0.100	30.00	301	602.00	0.62	371.60	
8	Distribution bar			30.0	1	30.00	0.150	2.00	14	420.00	0.40	165.93	
10	Main Reinforcement	1859.00	1889.00	2.00	1	2.00	0.100	30.00	301	602.00	0.62	371.60	
8	Distribution bar			30.0	1	30.00	0.150	2.00	14	420.00	0.40	165.93	
10	Main Reinforcement	1889.00	1919.00	2.00	1	2.00	0.100	30.00	301	602.00	0.62	371.60	
8	Distribution bar			30.0	1	30.00	0.150	2.00	14	420.00	0.40	165.93	
10	Main Reinforcement	1919.00	1949.00	2.00	1	2.10	0.100	30.00	301	632.10	0.62	390.19	
8	Distribution bar			30.0	1	30.00	0.150	2.00	14	420.00	0.40	165.93	
10	Main Reinforcement	1949.00	1980.00	2.00	1	2.00	0.100	30.00	301	602.00	0.62	371.60	

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Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 32

39

15355.83

Dia of bar	Description	Chainage	Shape of the bar	No's	Length of bar	Spacing	Length in Opp.	No. of bars	Total length	Unit wt (Kgs/Rmt)	Total wt in Kgs	Remark
8	Distribution bar		30.0	1	30.00	0.150	2.00	14	420.00	0.40	165.93	
									Total wt in Kgs		41816.810	
									Total wt in MT		41.817	

15524.7

23/05/2022

Infra Structure Engineering Consultants Pvt. Ltd.

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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BRUHAT BENGALURU MAHANAGAR PALIKE

Whitetopping of road from Shesadripuram First Grade College to Aroma Bakery Junction via 3rd A cross Road,1st A Main Road,16th B Cross Road

MEASUREMENT SHEET

BOQ Item no. 28

KSRRB M2200-5.9. Providing and laying Design mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @31ts confirming to IS91 03-1999 Reaffirmed-2008 including cost of materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. - i) Upto 5 m height.

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	For DRAIN RAFT		Measurements Dates :- 12/4/22, 25/4/22, 4/5/22, 16/5/22 & 23/05/2022								
	Stretch : From DAIRY CIRCLE JUNCTION TO CHIKKBOMMSANDRA JUNCTION- RHS										
	1225.00	1230.00	CUM	1.00	5.00			0.90	0.15	0.68	
	1303.00	1307.00	CUM	1.00	4.00			0.90	0.15	0.54	
	1366.00	1375.00	CUM	1.00	9.00			0.90	0.15	1.22	
	1435.00	1440.00	CUM	1.00	5.00			0.90	0.15	0.68	
	1450.00	1465.00	CUM	1.00	15.00			0.90	0.15	2.03	
	1478.00	1488.00									CROSS ROAD
	1483.00	1492.00	CUM	1.00	9.00			0.90	0.15	1.22	
	1492.00	1500.00	CUM	1.00				0.90	0.15	0.00	CROSS ROAD
	1500.00	1530.00	CUM	1.00							not done
	1530.00	1560.00	CUM	1.00	30.00			0.90	0.15	4.05	
	1563.00	1585.00	CUM	1.00	22.00			0.90	0.15	2.97	
	1585.00	1593.00	CUM	1.00				0.90	0.15	0.00	CROSS ROAD
	1593.00	1623.00	CUM	1.00	30.00			0.90	0.15	4.05	
	1623.00	1653.00	CUM	1.00	30.00			0.90	0.15	4.05	
	1653.00	1683.00	CUM	1.00	30.00			0.90	0.15	4.05	
	1683.00	1713.00	CUM	1.00	30.00			0.90	0.15	4.05	
	1713.00	1737.00	CUM	1.00	24.00			0.90	0.15	3.24	
	1737.00	1747.00	CUM	1.00							9th b cross road
	1747.00	1777.00	CUM	1.00	30.00			0.90	0.15	4.05	
	1777.00	1807.00	CUM	1.00	30.00			0.90	0.15	4.05	
	1807.00	1837.00	CUM	1.00	30.00			0.90	0.15	4.05	
	1837.00	1867.00	CUM	1.00	30.00			0.90	0.15	4.05	
	1867.00	1897.00	CUM	1.00	30.00			0.90	0.15	4.05	

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